

## INTERNATIONAL SEARCH REPORT

Inte - d Application No

PC, 2005/000522

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C23C16/40 C23C16/34 C23C16/30 C23C16/448

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C23C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, COMPENDEX, INSPEC

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2004/010466 A (ASML US, INC; SENZAKI, YOSHIHIDE; LEE, SANG-IN; AVIZA TECHNOLOGY, INC) 29 January 2004 (2004-01-29) page 6, line 32 - page 8, line 33; claims 1-6,8-13,22	1-18
X	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 06, 4 June 2002 (2002-06-04) -& JP 2002 053960 A (KOJUNDO CHEM LAB CO LTD), 19 February 2002 (2002-02-19) cited in the application abstract; table 1	1,4,5, 14,15,17
X	EP 1 028 458 A (TEXAS INSTRUMENTS INCORPORATED) 16 August 2000 (2000-08-16) paragraph '0014! - paragraph '0015!; claims 1,3,4,7,8	1,3-8, 12-15,17

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☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

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Date of the actual completion of the international search

26 May 2005

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07/06/2005

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In  
Application No  
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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 470 398 A (SHIBUYA ET AL) 28 November 1995 (1995-11-28)  column 2, line 16 - line 40; claims 1,2	1,3-5,7, 9,10, 13-15,17
X	OHSHITA Y ET AL: "Hf1-xSixO2 deposition by metal organic chemical vapor deposition using the Hf(Net2)4/SiH(Net2)3/O2 gas system" PREPARATION AND CHARACTERIZATION, ELSEVIER SEQUOIA, NL, vol. 416, no. 1-2, 2 September 2002 (2002-09-02), pages 208-211, XP004389754 ISSN: 0040-6090 page 208, column 2, line 13 - page 210, column 2, line 8; figure 1	1,3-8, 12-15,17
P,X	US 2004/198069 A1 (METZNER CRAIG ET AL) 7 October 2004 (2004-10-07) paragraph '0069! - paragraph '0076! paragraph '0096! - paragraph '0115!; claims 1-25	1-18

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			EP 1523765 A2	20-04-2005
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